



A.D. 1852 N° 790.

S P E C I F I C A T I O N

OF

BENJAMIN NICKELS.

ADHESIVE PLASTER.

LONDON:

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1854.



A.D. 1852 790.

Adhesive Plaster.

LETTERS PATENT to Benjamin Nickels, of 13, Albany Road, in the County of Surrey, for the Invention of "**IMPROVEMENTS IN THE MANUFACTURE OF ADHESIVE PLASTER.**"

Scaled the 17th January 1853, and dated the 19th November 1852.

PROVISIONAL SPECIFICATION left by the said Benjamin Nickels at the Office of the Commissioners of Patents, with his Petition, on the 19th November 1852.

I, BENJAMIN NICKELS, of 13, Albany Road, in the County of Surrey, do hereby declare the nature of the said Invention for "**IMPROVEMENTS IN THE MANUFACTURE OF ADHESIVE PLASTER**" to be as follows:—

This Invention has for its object the application of elastic fabrics, such as are made in warp, stocking, and other machinery, and will stretch and assume the shape of the parts to be covered, and the Invention consists of spreading over or combining with such fabrics the proper adhesive and other materials employed for such purposes.

Nickels' Improvements in the Manufacture of Adhesive Plaster.

SPECIFICATION in pursuance of the conditions of the Letters Patent, filed by the said Benjamin Nickels in the Great Seal Patent Office on the 19th May 1853.

TO ALL TO WHOM THESE PRESENTS SHALL COME, I, BENJAMIN NICKELS, of 13, Albany Road, in the County of Surrey, 5 send greeting.

WHEREAS Her most Excellent Majesty Queen Victoria, by Her Letters Patent, bearing date the Nineteenth day of November, in the year of our Lord One thousand eight hundred and fifty-two, in the sixteenth year of Her reign, did, for Herself, Her heirs, and 10 successors, give and grant unto me, the said Benjamin Nickels, Her special licence that I, the said Benjamin Nickels, my executors, administrators, and assigns, or such others as I, the said Benjamin Nickels, my executors, administrators, and assigns, should at any time agree with, and no others, from time to time and at all times 15 thereafter, during the term therein expressed, should and lawfully might make, use, exercise, and vend, within the United Kingdom of Great Britain and Ireland, the Channel Islands, and Isle of Man, an Invention for "**IMPROVEMENTS IN THE MANUFACTURE OF ADHESIVE PLASTERS,**" upon the condition (amongst others) that I, the said 20 Benjamin Nickels, by an instrument in writing, under my hand and seal, should particularly describe and ascertain the nature of the said Invention, and in what manner the same was to be performed, and cause the same to be filed in the Great Seal Patent Office, within six calendar months next and immediately after the date of 25 the said Letters Patent.

NOW KNOW YE that I, the said Benjamin Nickels, do hereby declare the nature of the said Invention, and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement thereof, (that is to say): — 30

This Invention has for its object the application of elastic fabrics, such as are made in warp, stocking, and other machinery and will stretch and assume the shape of the parts to be covered; and the Invention consists in spreading over or combining with such fabrics the proper adhesive and other materials employed for such purposes. 35 And in order that my said Invention may be most fully understood

Nickels' Improvements in the Manufacture of Adhesive Plaster.

and readily carried into effect, I will proceed to describe the means pursued by me heretofore in the manufacture of adhesive plasters for medical and surgical purposes.

It has been usual to spread the adhesive and other matters on
5 to one or both sides (generally on one side only), on woven fabrics and paper, which not being elastic or capable of stretching, will not conveniently (without notching or cutting) take the form or contour of the part on to which it is desired to apply a plaster. And my Invention has expressly for its object
10 the employment in the manufacture of adhesive plasters for medical and surgical purposes, of fabrics which, being elastic by reason of their mode of manufacture, will readily stretch to, and when held by the adhesiveness of its surface, retain, the contour or form of the part to which a plaster is applied. For this purpose, I
15 employ, by preference, plain fabrics made in warp lace machines, but other loop or knit fabrics may be used, or a fabric made of fleece or bats of fibres caused to adhere together by being impregnated with the medical and adhesive matter desired to be used in making up a plaster. I cause such looped, or knit, or fleeced fabrics to be
20 spread over or impregnated with like materials to those heretofore employed when non-elastic woven fabrics, or paper, or leather, have been used in preparing adhesive plasters for medical and surgical purposes, and I would state that the Invention consists of combining the proper adhesive and other matters with elastic fabrics, such as above described in manufacturing adhesive plasters.

25 In witness whereof, I, the said Benjamin Nickels, have hereunto set my hand and seal, this nineteenth day of May, in the year of our Lord One thousand eight hundred and fifty three.

BENJAMIN NICKELS. (L.S.)

Witness,

H. W. CARPMAEL.

LONDON.

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty. 1854.

